

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch

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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 1.28**WELDING INSPECTION REPORT****Resident Engineer:** Casey, William**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-026710**Date Inspected:** 14-Nov-2011**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1730**Contractor:** American Bridge/Fluor Enterprises, a JV**Location:** Job Site**CWI Name:** N / A**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** S.A.S. components**Summary of Items Observed:**

The Quality Assurance Inspector (QAI), Scott Croff, was present at the Self Anchored Span (SAS) job site to observe the scheduled fabrication and welding of components for the SFOBB project.

The QAI reviewed contract documents at pier 7. The QAI used approved weekly welding report submittals and cross referenced the welding and inspection status as reported with QA records to identify the overall weld status. The QAI continued reviewing welding report packages 87 and 88 for conformance with the contractor requirements. The QAI was provided with the informal weekly welding report package #89 and began a cursory review of the inspection reports. The QAI continued reviewing documents and compiling the weld status from submittal documentation. This work was in progress at the end of the shift.

The QAI assisted the QAI Art Peterson in reviewing the contractor's ongoing work related to Contract Change Orders (CCOs). The QAIs noted that there are multiple CCOs that the contractor is working on at this time. The QAIs identified the limits of work on the job site and also noted that several CCOs involve welding on site and possibly shop welding as well. The QAI Art Peterson has been tasked with following these CCOs.

The QAI assisted the QAI Robert Mertz in conducting trial inspection of Skyway bike path panels following the directives in CCO 217. The QAIs were accompanied with Caltrans Senior Engineer Robert Kobal. There were general discussions of the processes being attempted to accurately detect flooded bike path panels. The Engineer was shown the methods being tested and the apparent results of the examinations thus far. This work was in progress until the end of the shift, and the QAI Robert Mertz will continue the trials at a later time.

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Summary of Conversations:

The QAI relayed the status of the document reviews, CCOs and trial inspections of bike path panels to the QAI Lead Bill Levell. Except as described above, there were no other notable conversations.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Nina Choy (510) 385-5910, who represents the Office of Structural Materials for your project.

Inspected By:	Croff, Scott	Quality Assurance Inspector
Reviewed By:	Levell, Bill	QA Reviewer
